

Title (en)
LEACHING CONTAMINANTS FROM POST-CONSUMER POLYESTER

Title (de)
AUSLANGUNG VON VERUNTREINIGUNGEN AUS VERBRAUCHTEM POLYESTER

Title (fr)
LESSIVAGE DES CONTAMINANTS DE POLYESTER RECYCLE

Publication
EP 0808339 A1 19971126 (EN)

Application
EP 96903656 A 19960131

Priority
• US 9600969 W 19960131
• US 38624395 A 19950209

Abstract (en)
[origin: US5780520A] A novel technique to treat post-consumer polyester for reuse in food-contact applications is described. The process comprises contacting contaminated post consumer polyester flake with at least one extraction solvent which is soluble in said contaminated flake at a temperature sufficient to allow rapid diffusion of contaminants from said polyester flake; and removing said extraction solvent containing said contaminants from said polyester flake.

IPC 1-7
C08J 11/08; **B01D 11/02**

IPC 8 full level
B01D 11/02 (2006.01); **B01D 11/04** (2006.01); **C08J 11/08** (2006.01)

CPC (source: EP US)
B01D 11/0288 (2013.01 - EP US); **C08J 11/08** (2013.01 - EP US); **C08J 2367/02** (2013.01 - EP US); **Y02W 30/62** (2015.05 - EP US)

Citation (search report)
See references of WO 9624630A1

Designated contracting state (EPC)
BE DE ES FR GB IT NL

DOCDB simple family (publication)
US 5780520 A 19980714; AR 000185 A1 19970521; AU 4766796 A 19960827; BR 9607581 A 19980707; CA 2212182 A1 19960815; CO 4560371 A1 19980210; DE 69608544 D1 20000629; EP 0808339 A1 19971126; EP 0808339 B1 20000524; ES 2145994 T3 20000716; IL 117096 A0 19960618; JP H10513220 A 19981215; MX 9705960 A 19971129; TW 328542 B 19980321; WO 9624630 A1 19960815

DOCDB simple family (application)
US 77223696 A 19961223; AR 33434295 A 19951122; AU 4766796 A 19960131; BR 9607581 A 19960131; CA 2212182 A 19960131; CO 95061200 A 19951222; DE 69608544 T 19960131; EP 96903656 A 19960131; ES 96903656 T 19960131; IL 11709696 A 19960209; JP 52428096 A 19960131; MX 9705960 A 19960131; TW 84112151 A 19951116; US 9600969 W 19960131